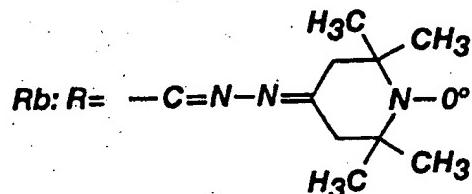
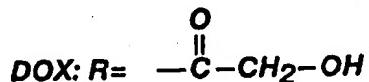
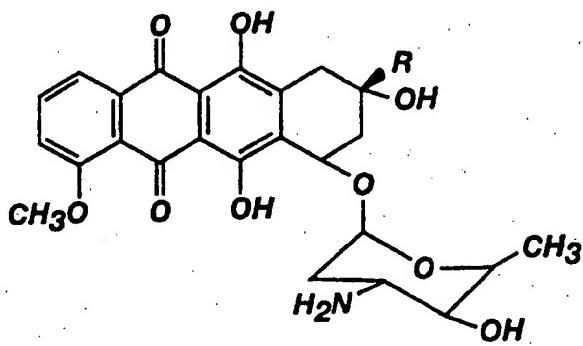


INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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(54) Title: ACOUSTICALLY ACTIVATED LOCALIZED DRUG DELIVERY



(57) Abstract

A method for administering a drug to a selected site in a patient includes the steps of (a) administering a composition including a micellar drug carrier having a hydrophobic core and an effective amount of the drug disposed in the hydrophobic core; and (b) applying ultrasonic energy to the selected site such that the drug is released from the hydrophobic core to the selected site. Preferably, the drug carrier is a triblock-copolymer, such as a poly(ethylene oxide)-poly(propylene oxide)-poly(ethylene oxide) block copolymer having a molecular weight of about 6500. The drug is preferably an antineoplastic agent such as doxorubicin.